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L4 55 S (APO TC)  
L5 31 S L4 AND HOLO?  
L6 10 DUPLICATE REMOVE L5 (21 DUPLICATES REMOVED)  
L7 12783 S COBALAMIN?  
L8 464 S L7 AND HOLO?  
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L10 110 S L9 AND PD<2000  
L11 12 S (IMMOBIL? COBALAMIN)  
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ANSWER 3 OF 4 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
DUPLICATE 2

AN 1980:188123 BIOSIS  
DN PREV198069063119; BA69:63119  
TI ADHERENCE OF L-1210 MURINE LEUKEMIA CELLS TO SEPHACRYL AMINOPROPYL  
COBALAMIN BEADS TREATED WITH TRANS COBALAMIN II.  
AU JACOBSEN D W [Reprint author]; MONTEJANO Y D; VITOLS K S; HUENNEKENS F M  
CS DEP BIOCHEM, SCRIPPS CLIN RES FOUND, 10666 N TORREY PINES RD, LA JOLLA,  
CALIF 92037, USA  
SO Blood, (1980) Vol. 55, No. 1, pp. 160-163.  
CODEN: BLOOAW. ISSN: 0006-4971.  
DT Article  
FS BA  
LA ENGLISH  
AB Sephacryl beads containing an immobilized aminopropylcobalamin-  
transcobalamin-II complex serve as foci for the adherence of L1210 murine  
leukemia cells. Bead-cell interaction did not occur when: nonderivatized  
beads were used; transcobalamin-II was omitted or presaturated with  
cyanocobalamin in the preparation of the bead complex; intrinsic factor  
replaced transcobalamin-II, and the complex was removed from beads by  
photolysis. Adherence apparently resulted from the ability of  
transcobalamin-II to form a bridge between **immobilized**  
**cobalamin** on the bead and receptors in the plasma membrane of the  
cell.  
CC Cytology - Animal 02506  
Radiation biology - Radiation and isotope techniques 06504  
Biochemistry studies - General 10060  
Biochemistry studies - Vitamins 10063  
Biochemistry studies - Proteins, peptides and amino acids 10064  
Biochemistry studies - Carbohydrates 10068  
Biophysics - Methods and techniques 10504  
Biophysics - Molecular properties and macromolecules 10506  
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Movement 12100  
Metabolism - Water-soluble vitamins 13018  
Digestive system - Physiology and biochemistry 14004  
Blood - Blood cell studies 15004  
Blood - Blood, lymphatic and reticuloendothelial pathologies 15006  
Blood - Lymphatic tissue and reticuloendothelial system 15008  
Neoplasms - Neoplastic cell lines 24005  
Neoplasms - Blood and reticuloendothelial neoplasms 24010  
IT Major Concepts  
Biochemistry and Molecular Biophysics; Blood and Lymphatics (Transport  
and Circulation); Cell Biology; Membranes (Cell Biology); Metabolism;  
Tumor Biology  
IT Miscellaneous Descriptors  
PHOTOLYSIS  
ORGN Classifier  
Muridae 86375  
Super Taxa  
Rodentia; Mammalia; Vertebrata; Chordata; Animalia  
Taxa Notes  
Animals, Chordates, Mammals, Nonhuman Vertebrates, Nonhuman Mammals,  
Rodents, Vertebrates  
RN 65099-77-6 (SEPHACRYL)  
12651-28-4 (TRANSCOBALAMIN-II)



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 URL: <http://www.bloodjournal.org> Click here to see full text or page images available via the American Society of Hematology. v.75, n.1 (1990)-  
 Notes: Some summaries also in Interlingua.  
 Journal of the American Society of Hematology, 1976-  
 ISSN: 0006-4971  
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